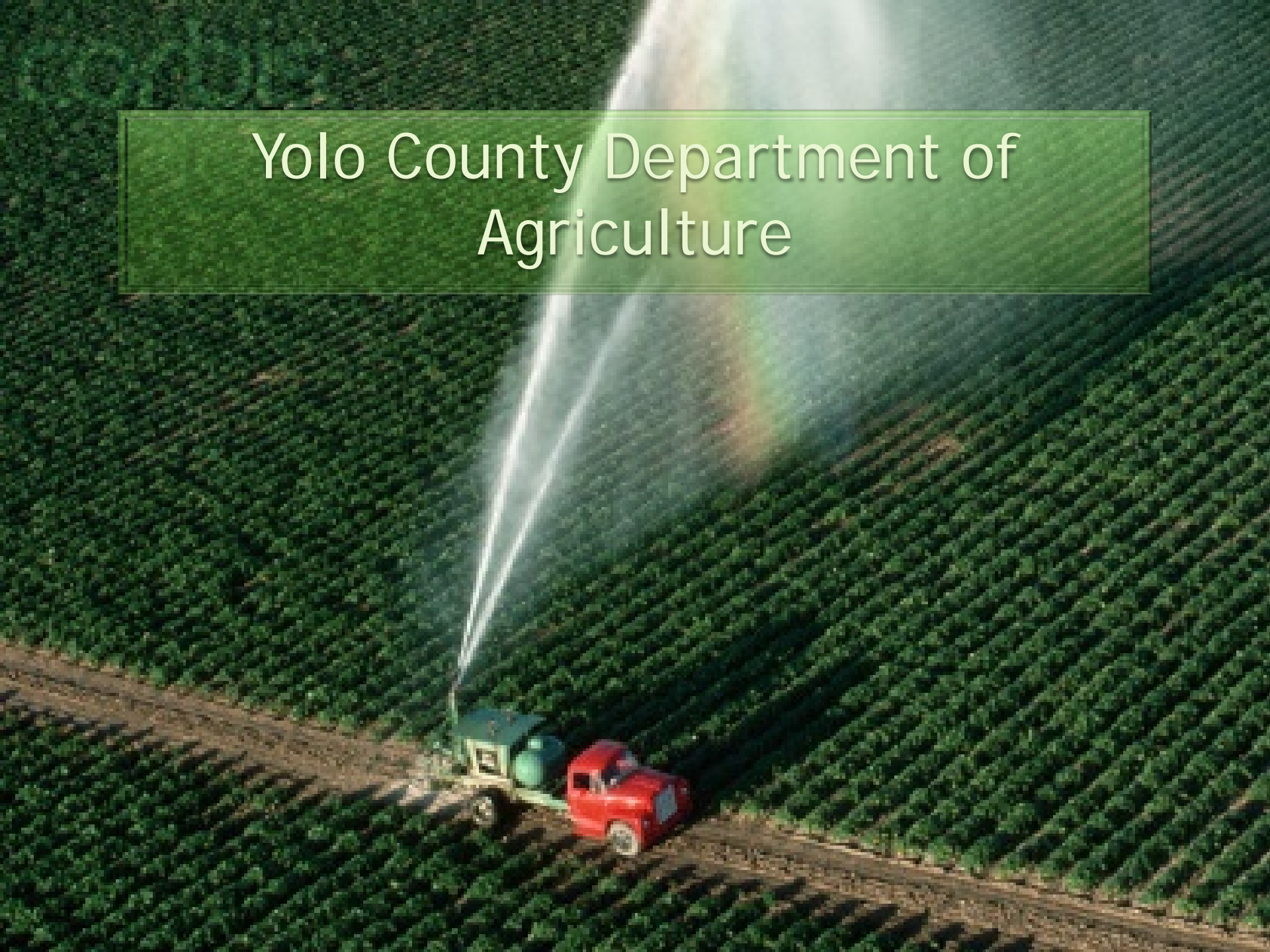


# Yolo County Department of Agriculture



# Closed Systems

## CCR 6746

- Employers shall provide closed systems for employees who mix or load liquid pesticides in toxicity category one ("Danger"), or load diluted liquid mixes derived from dry pesticides in toxicity category one ("DANGER")
- Closed systems are also required for mixing and loading minimum exposure pesticides (MEP), such as Buctrio, Comite, Metasystox-R, and Comite
- No employee shall be permitted to transfer, mix, or load these pesticides except through a closed system

**AS OF JANUARY 1, 2016:  
NO LONGER DEFINED BY "DANGER" MATERIALS  
OR MINIMAL EXPOSURE PESTICIDES ALONE!**

# CCR 6188 Closed System Compatibility



New  
Regulation  
!

For agriculture production use **liquid pesticides** bearing the following label statements:

- “Fatal if absorbed through skin”
- “May be fatal if absorbed through skin”
- “Corrosive, causes skin damage”, or comparable language

...REQUIRES A CLOSED MIXING SYSTEM!

# Closed Mixing Systems Requirement CCR 6746

Amended  
Regulation  
!

Closed system requirements are now divided into a two tier system that is based on the label precautionary statements.

## Tier 1:

- ▶ “Fatal if absorbed through skin”
- ▶ Closed system is registered for mixing and for rinsing & draining.

## Tier 2:

- ▶ “May be fatal if absorbed through skin”
- ▶ “Corrosive, causes skin damage”
- ▶ Closed system is required for mixing

## Examples:

### Tier 1 pesticides include:

- K-Pam HL ( Amvac)
- MSR (Gowan)
- Telone II (Dow Agro)
- Endosulfan (Drexel)
- Di-Syston 8 (Bayer)
- Nematicur 3 (Bayer)

### Tier 2 pesticides include:

- Omite- 6E (Chemtura)
- 2,4-D (Winfield Solutions)
- Regent SC (BASF)
- Ethephon 6 (Arysta)
- Imidan 70-W (Gowan)
- Rely {Glufosinate}( Bayer)

## **Closed System Manufacturers Recognized by California Department of Pesticide Regulation 2015**

The following companies have submitted documentation to the Department of Pesticide Regulation (DPR) stating that they have a closed system, or component thereof, which demonstrates compliance with the Director's Closed System Criteria. DPR determined at the time of review that these companies meet the Director's Closed System Criteria. This is not an endorsement or recommendation by DPR. DPR does not certify or otherwise license any closed system. Additionally, companies not appearing on this list may have systems that meet the Director's Criteria, but have not submitted documentation to DPR. Closed system users should be aware that they are responsible for system compliance under operational conditions.

<b>Company</b>	<b>Address</b>	<b>City</b>	<b>State</b>	<b>Phone</b>
<a href="#"><u>BatchBoy by Pump Systems</u></a>	530 25 <sup>th</sup> Avenue East	Dickinson	ND	800.437-8076
Big W Sales	1040 Charter Way	Stockton	CA	800.922.7253
<a href="#"><u>Goat Throat</u></a>	60 Shell Avenue	Milford	CT	646.486.3636
<a href="#"><u>Greenleaf Technologies</u></a>	230 E Gibson St.	Covington	LA	800.881.4832
<a href="#"><u>Micro Matic</u></a>	2386 Simon Court	Brooksville	FL	866.755.4477
<a href="#"><u>PBM Sprayers</u></a>	324 Meyers Street	Chico	CA	530.345.1334
<a href="#"><u>Pentair Flow Technologies</u></a>	375 Fifth Avenue, N.W.	New Brighton	MN	800.424.9776

# Fieldworker Training CCR 6764



Changes in  
this regulation  
are pending!

Employees working in treated fields, must be trained within last 5 years.

Program must include :

- ✓ Hazard communication
- ✓ Importance of decontamination
- ✓ Restricted entry intervals and what “posting” means
- ✓ First Aid & obtaining emergency medical care

# Fieldworker Decontamination Facilities CCR 6768

The decontamination facilities shall be not more than 1/4 mile from the fieldworkers.

- Sufficient water
- Soap
- Single use towels

Hand washing facilities provided in conjunction with toilet facilities are considered adequate.



Required for workers  
in treated fields!

F  
W



# Pesticide Container Disposal

- ✓ Triple Rinsed (no residue)
- ✓ Labels and caps removed
- ✓ Empty containers should be stored in a dry and secure location, until inspected and transferred to landfill



YOLO COUNTY DEPARTMENT OF AGRICULTURE  
70 COTTONWOOD STREET, WOODLAND, CALIFORNIA 95695 (530) 666-8140

EMPTY PESTICIDE CONTAINER DECLARATION  
AND INSPECTION DOCUMENT

I, the undersigned, declare that the empty pesticide containers presented for inspection were rinsed in accordance with Title 3, Section 6684 of the California Code of Regulations. Furthermore, I acknowledge and understand that a sample of the contents from containers I am presenting for inspection may be taken for chemical analysis; in the event the analysis indicates a pesticide residue exceeding a level expected of rinsed containers, non-triple rinsed containers will remain onsite at the Yolo County Central Landfill's Hazardous Waste Facility and I will be subject to administrative fines and disposal fees applied by the Yolo County Division of Integrated Waste Management at the time of recycling/disposal.

Containers Inspected (size and type) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Location of Inspection \_\_\_\_\_

Firm Name \_\_\_\_\_

Address \_\_\_\_\_

Print Name \_\_\_\_\_ Telephone # \_\_\_\_\_

Signature \_\_\_\_\_

- Passed - May transport to Landfill [Valid Friday \_\_\_\_\_ only] 7:30 am to 3:30 pm  
(Date)
- Phosphine meter testing (below 0.3 ppm)  Yes  No
- Pending residue sampling results  
Number of containers sampled for analysis \_\_\_\_\_  
Size and description of sampled container (include label information) \_\_\_\_\_  
\_\_\_\_\_

Signature of Inspector \_\_\_\_\_

Inspection Date \_\_\_\_\_

Identifiable Mark



WHITE - LANDFILL COPY YELLOW - AG OFFICE COPY





# Yolo County Permit Condition #1: School Buffers

**Ground Application:** No application shall be made within  $\frac{1}{4}$  mile of any school, while that school is in session.

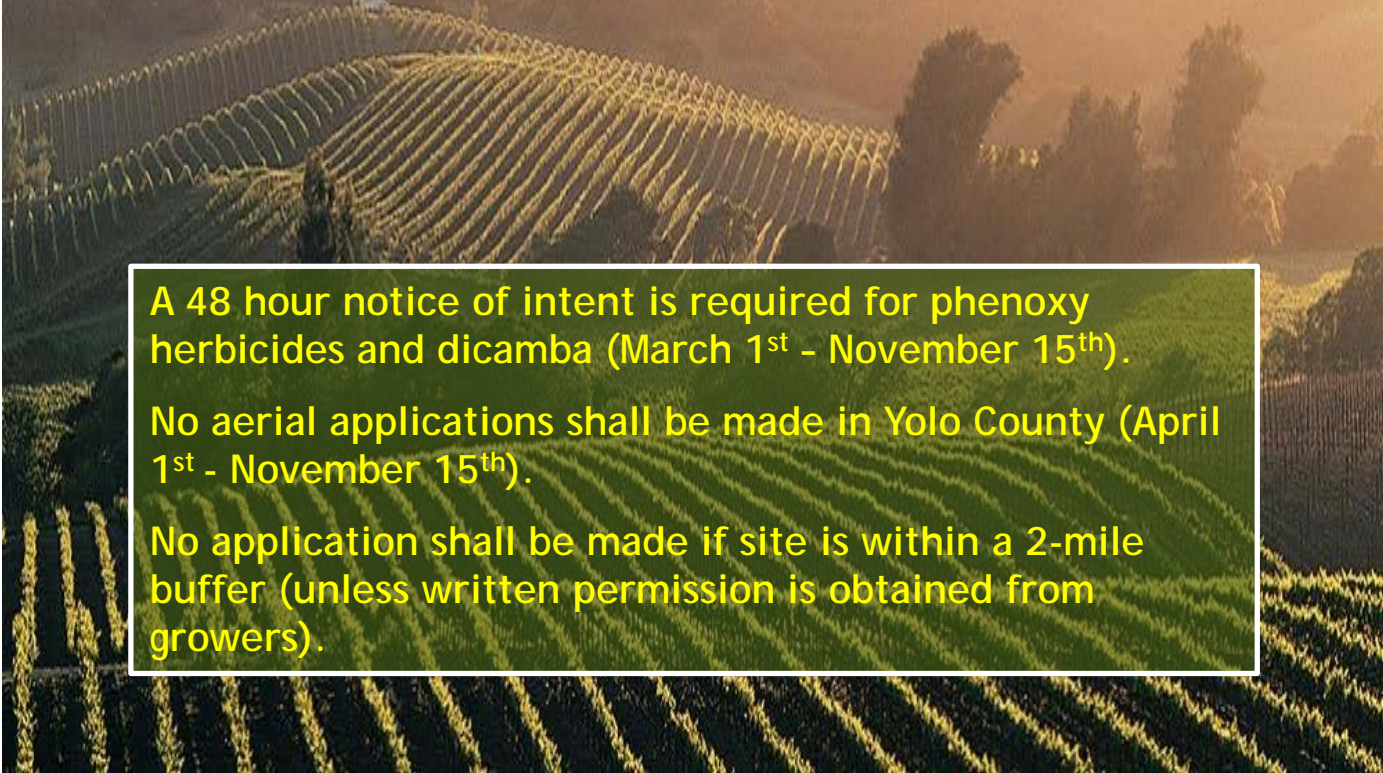
**Aerial Application:** No application shall be made within  $\frac{1}{4}$  mile of any school, regardless if the school is in session or not.



# Example: ¼ Mile School Buffer



## Yolo County Permit Condition #6: Conditions covering the use of phenoxy herbicides and dicamba



A 48 hour notice of intent is required for phenoxy herbicides and dicamba (March 1<sup>st</sup> - November 15<sup>th</sup>).

No aerial applications shall be made in Yolo County (April 1<sup>st</sup> - November 15<sup>th</sup>).

No application shall be made if site is within a 2-mile buffer (unless written permission is obtained from growers).

# Yolo County Permit Condition #6

D  
B



November 16<sup>th</sup>-February 28<sup>th</sup>  
The following buffers must be met  
for phenoxy herbicides:  
Aerial applications.....500  
feet  
Ground applications.....100 feet  
In addition, AIR MOVEMENT MUST BE  
AWAY.

# Information Resources

Yolo County Department of Agriculture

[michelle.lawson@yolocounty.org](mailto:michelle.lawson@yolocounty.org)

[jenni.king@yolocounty.org](mailto:jenni.king@yolocounty.org)

[kevin.martyn@yolocounty.org](mailto:kevin.martyn@yolocounty.org)

[danielle.ballard@yolocounty.org](mailto:danielle.ballard@yolocounty.org)

Department of Pesticide Regulation

[www.cdpr.ca.gov](http://www.cdpr.ca.gov)

CIMIS

[www.cimis.water.ca.gov](http://www.cimis.water.ca.gov)